

HARD DRIVE RESET CACHE

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ABSTRACT OF THE DISCLOSURE

[041] A method, computer system, and apparatus perform an expedited boot and operating system load operation from a hard drive device. Rather than waiting for storage media in a storage device to be fully operational before retrieving software modules and/or data required for initial loading of an operating system, the software modules and/or data are stored in a non-volatile memory in the storage device and are immediately available to the central processing unit. When the busy bit in a drive status register is set by the hard drive microcontroller, the BIOS code attempts to retrieve the requested data from a non-volatile memory in the hard drive, such as a non-volatile cache memory which may be configured to provide coherent data storage, even across a power loss to the hard drive.